



Kathleen Sebelius, Governor  
Adrian J. Polansky, Secretary

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April 2, 2008

Dick Wolfe, PE, State Engineer  
Division of Water Resources  
Department of Natural Resources  
1313 Sherman Street  
Suite 818  
Denver, CO 80203

Re: Republican River Compact  
Questions in Colorado  
Correspondence of March 21, 2008

Dear Commissioner Wolfe:

This correspondence is in answer to questions raised in your March 21, 2008 letter. Your questions are reiterated with the Kansas response to follow.

1. The authorized acreage within the Kansas-Bostwick Irrigation District ("KBID");

**Kansas answer:** The Bureau of Reclamation has certified 43,018 acres to receive water from the Kansas Bostwick Irrigation District.

2. The number of acres actually irrigated within the KBID;

**Kansas answer:** The number of acres receiving water in each year varies with the water supply. The total KBID acres receiving some surface water by year since 1998 are as follows:

1998	38,486 ac
1999	38,787 ac
2000	40,758 ac
2001	39,173 ac
2002	38,776 ac
2003	36,460 ac
2004	23,436 ac
[ 2005	24,546 ac ] -



2006	28,587 ac
2007	32,978 ac

3. The number of acres within the KBID that may be irrigated by use of supplemental groundwater;

**Kansas answer:** Groundwater from wells is authorized to be voted on 13,912 acres within KBID.

4. The potential consumptive use per acre within the KBID.

**Kansas answer:** We believe that the type of information requested here is part of the information exchanged annually related to Crop Irrigation Requirements (CIR) pursuant to the RRCA accounting procedures. However, the KBID irrigated area is not part of this analysis and we therefore don't have that information for KBID.

Should you need any additional information from Kansas regarding these responses, please feel free to contact me.

Sincerely,



David W. Barfield, PE  
Chief Engineer  
Kansas Commissioner

CC: Brian Dunnigan, Acting Director, Nebraska Dept. of Natural Resources  
Aaron Thompson, U.S. Bureau of Reclamation  
Colonel Roger Wilson, Jr., U.S. Army Corps of Engineers  
James J. DuBois, U.S. Department of Justice